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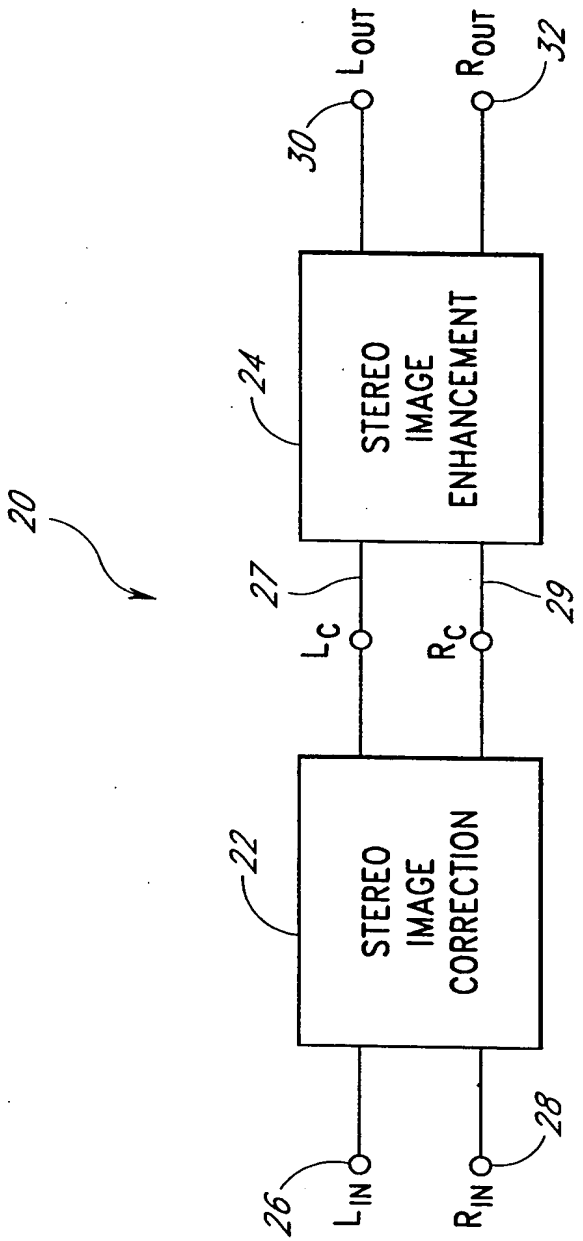
20
STEREO IMAGE CORRECTION
22
STEREO IMAGE ENHANCEMENT
24
L_{IN}
26
R_{IN}
28
L_C
27
R_C
29
L_{OUT}
30
R_{OUT}
32

FIG. 1

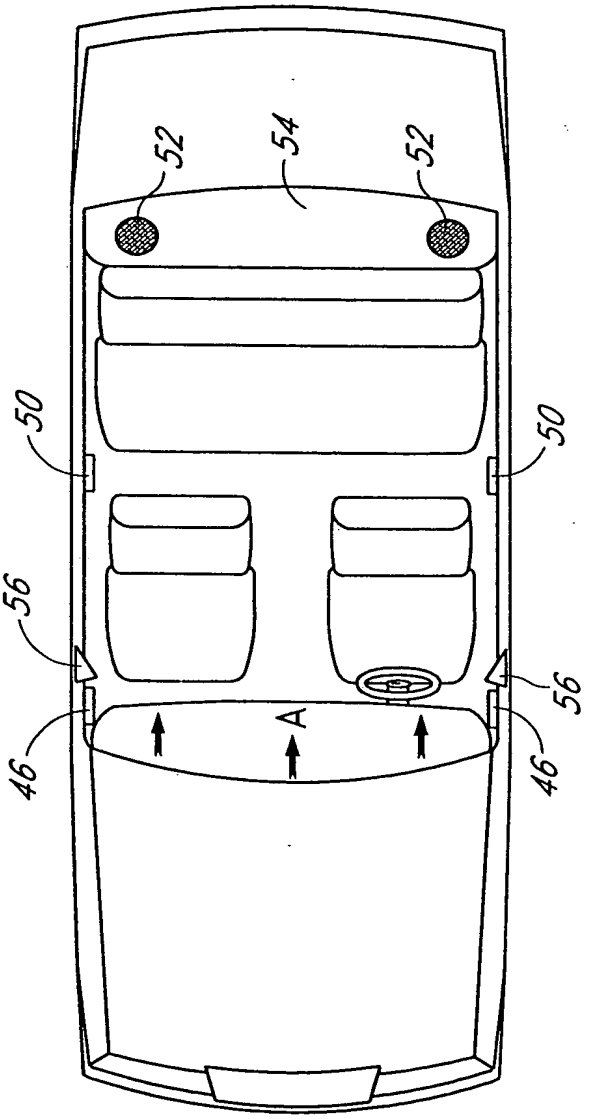

FIG. 3

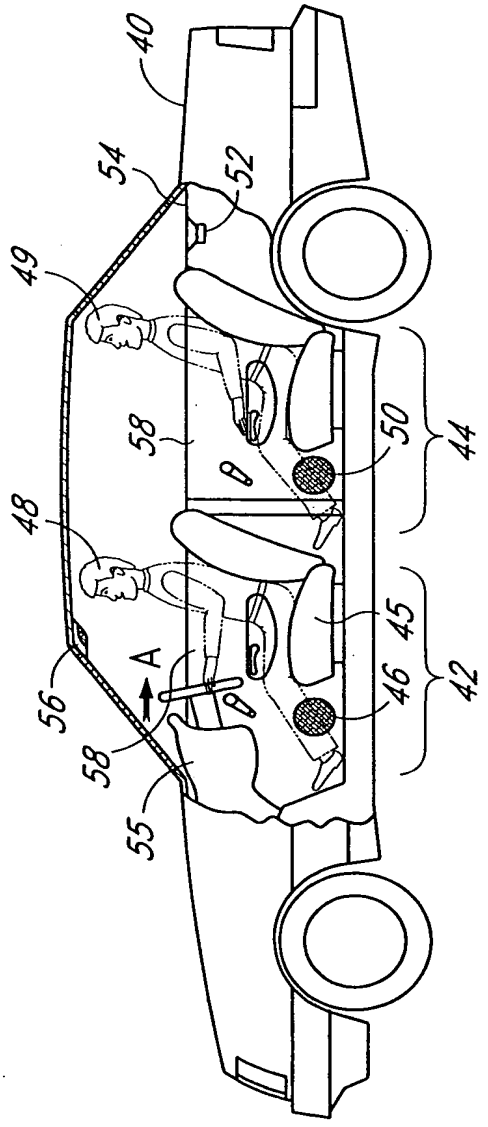

FIG. 2

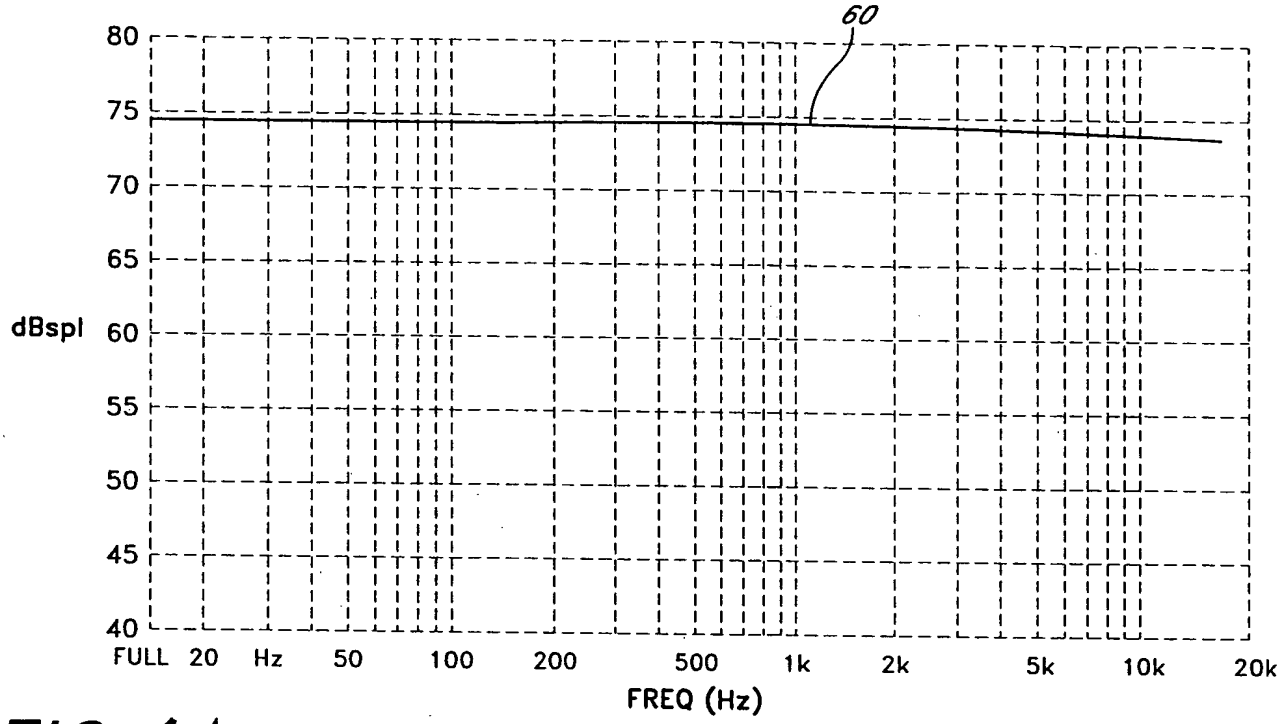
60
80
75
70
65
dBspl 60
55
50
45
40
FULL 20 Hz 50 100 200 500 1k 2k 5k 10k 20k
FREQ (Hz)

FIG.4A

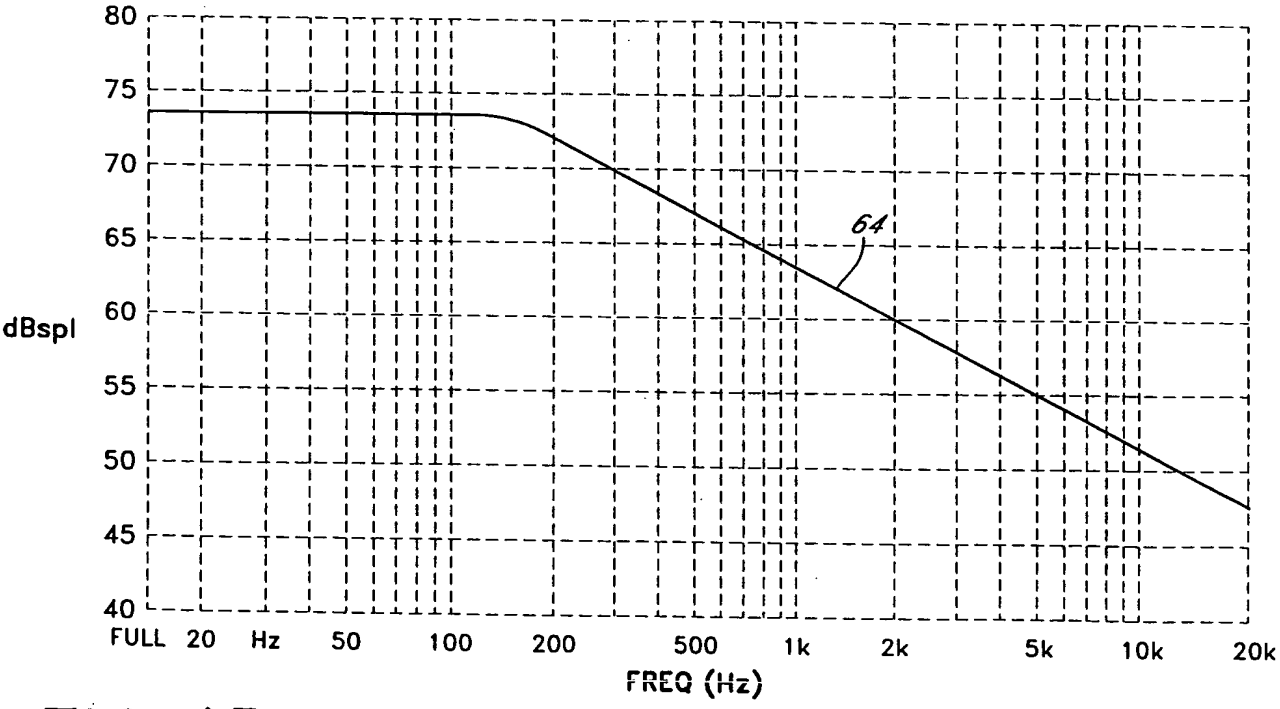
80
75
70
65
64
dBspl 60
55
50
45
40
FULL 20 Hz 50 100 200 500 1k 2k 5k 10k 20k
FREQ (Hz)

FIG.4B

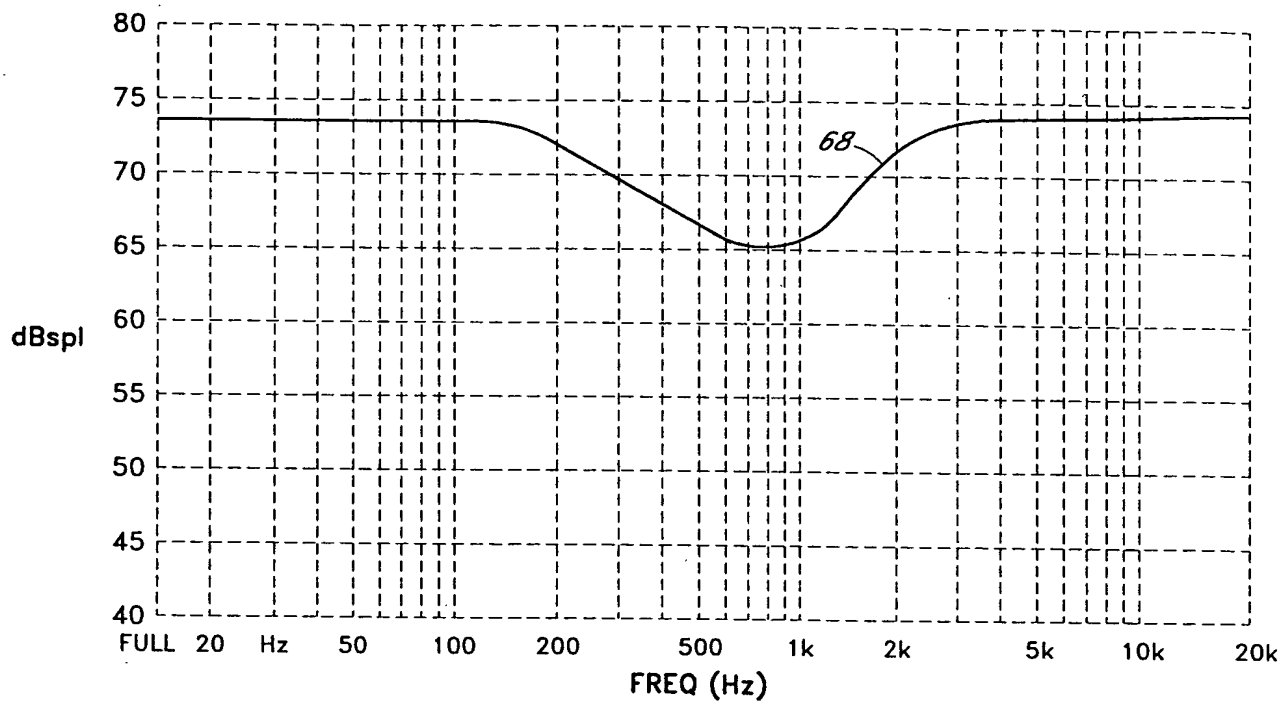
80
75
70
65
60
55
50
45
40
dBspl
68
FULL 20 Hz 50 100 200 500 1k 2k 5k 10k 20k
FREQ (Hz)

FIG.4C

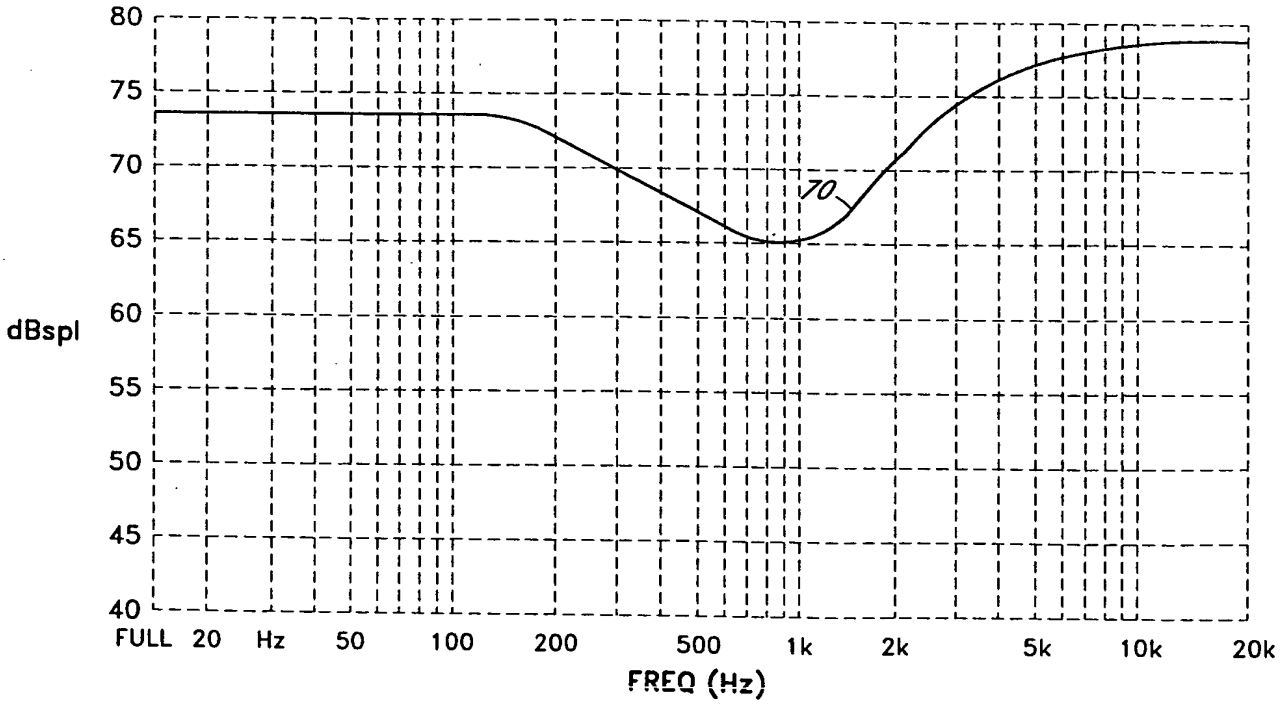
80
75
70
65
60
55
50
45
40
dBspl
70
FULL 20 Hz 50 100 200 500 1k 2k 5k 10k 20k
FREQ (Hz)

FIG.4D

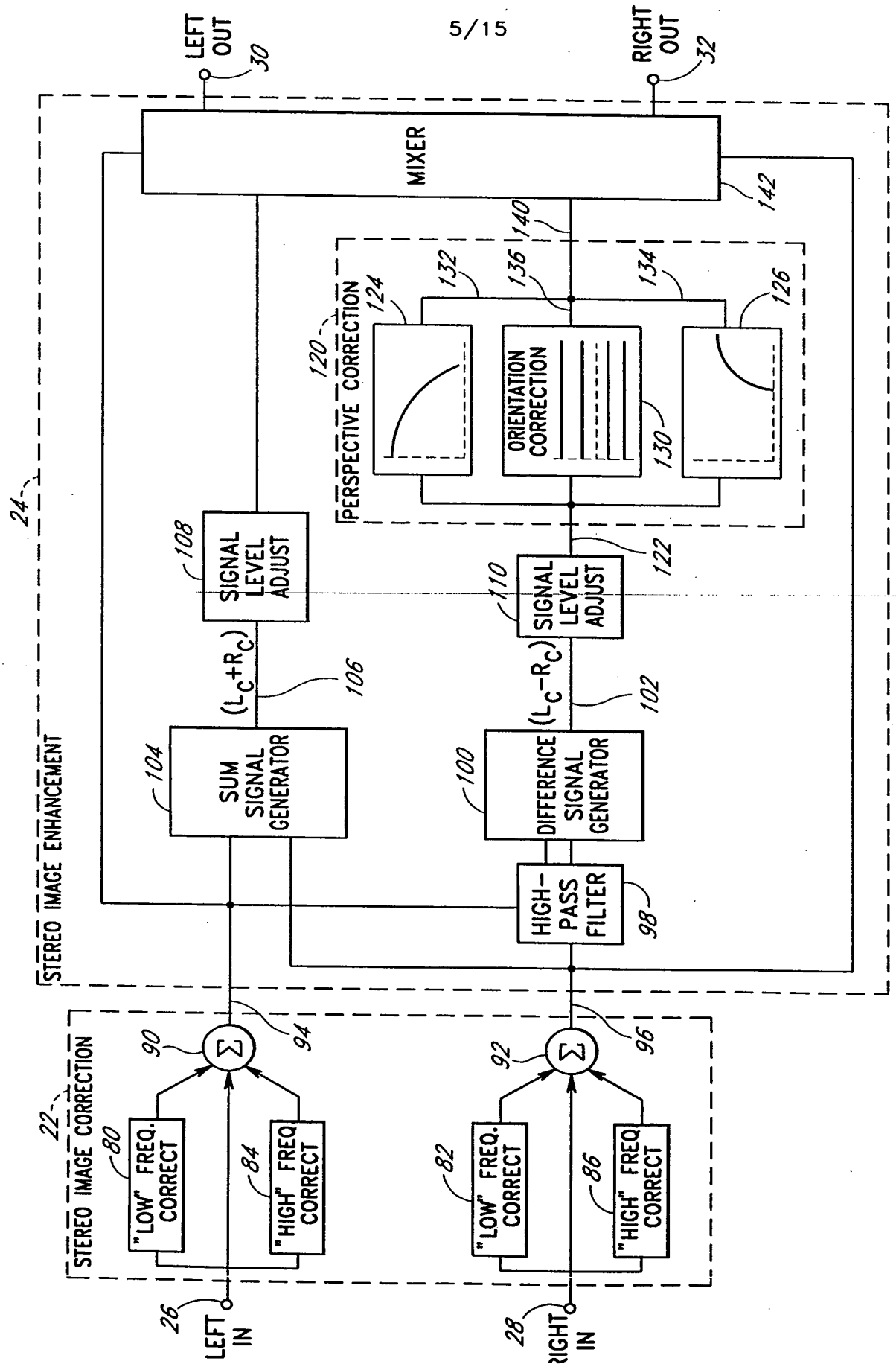
LEFT OUT
30
RIGHT OUT
32
MIXER
142
140
PERSPECTIVE CORRECTION
120
124
132
136
134
126
ORIENTATION CORRECTION
130
24
108
SIGNAL LEVEL ADJUST
110
SIGNAL LEVEL ADJUST
122
(L_C+R_C)
106
(L_C-R_C)
102
104
SUM SIGNAL GENERATOR
100
DIFFERENCE SIGNAL GENERATOR
HIGH-PASS FILTER
98
STEREO IMAGE ENHANCEMENT
22
STEREO IMAGE CORRECTION
90
94
92
96
80
"LOW" FREQ. CORRECT
84
"HIGH" FREQ CORRECT
82
"LOW" FREQ. CORRECT
86
"HIGH" FREQ CORRECT
26
LEFT IN
28
RIGHT IN

FIG. 5

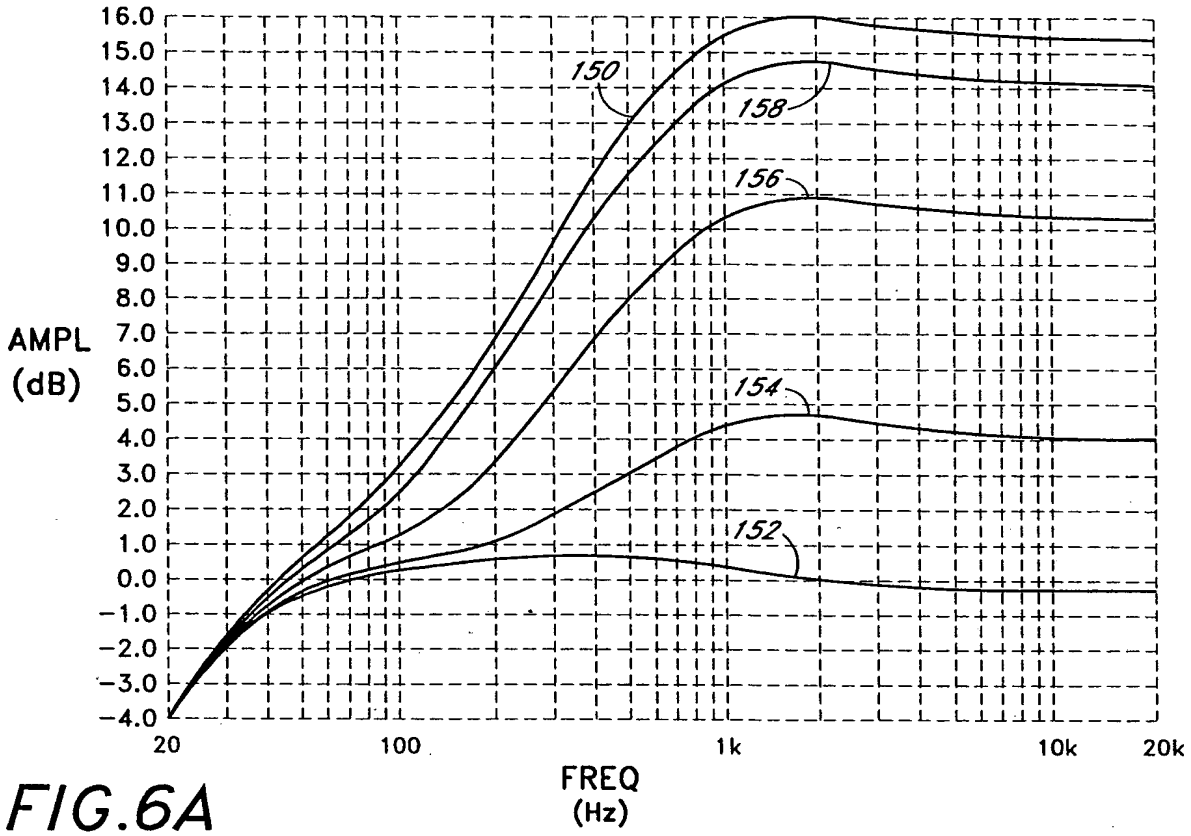
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
−1.0
−2.0
−3.0
−4.0
AMPL
(dB)
150
158
156
154
152
20
100
1k
10k
20k
FREQ
(Hz)

FIG.6A

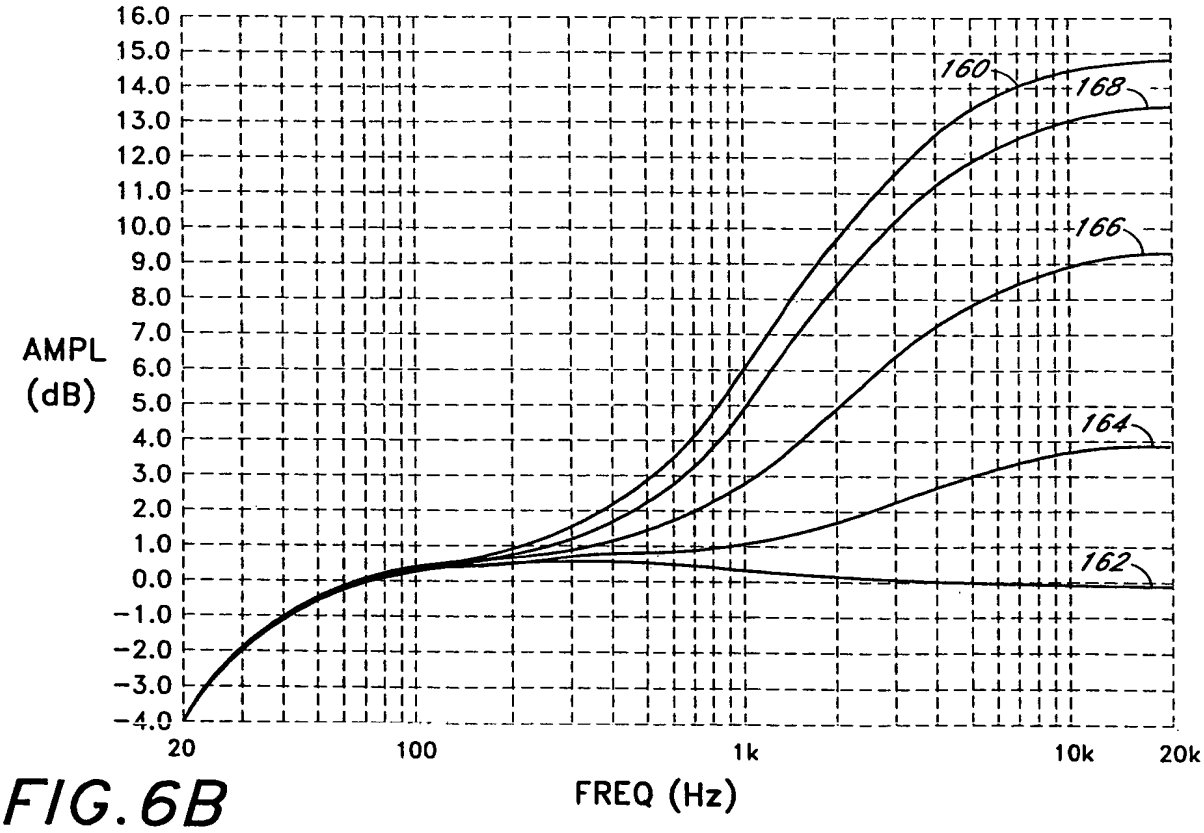
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
−1.0
−2.0
−3.0
−4.0
AMPL
(dB)
160
168
166
164
162
20
100
1k
10k
20k
FREQ (Hz)

FIG.6B

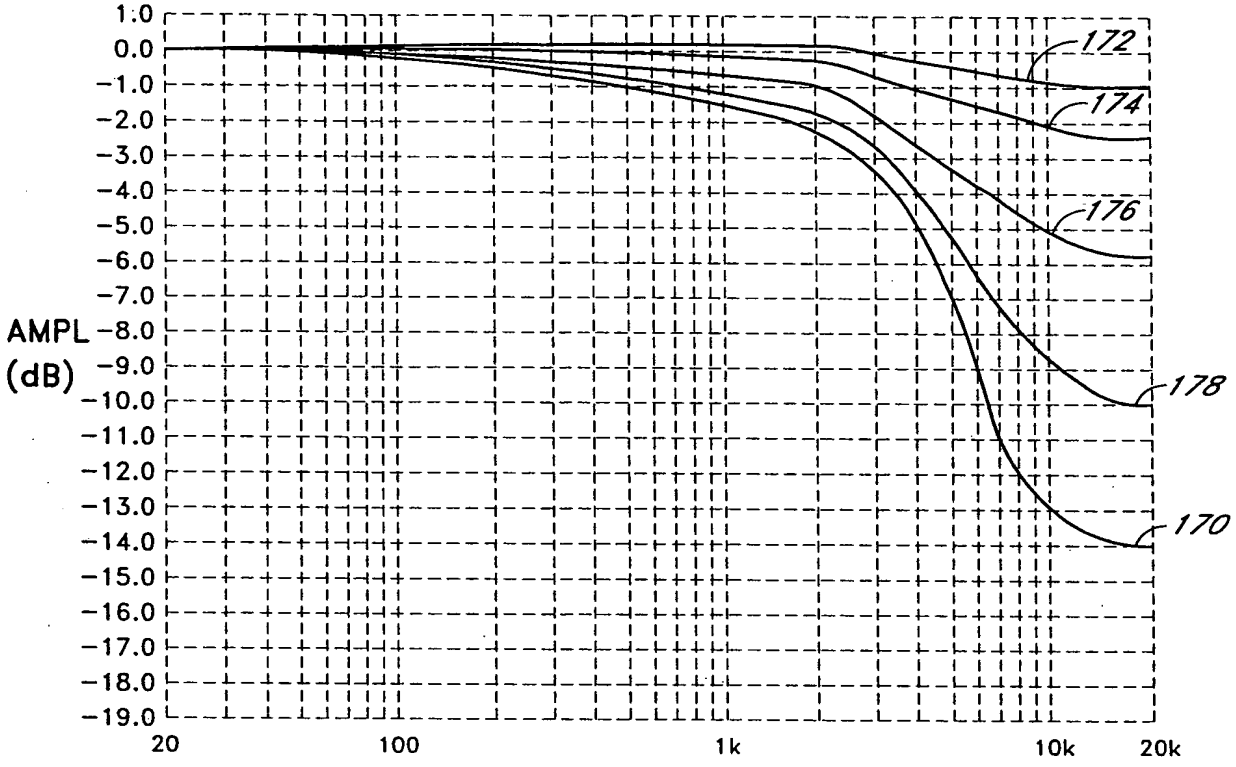
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
-9.0
-10.0
-11.0
-12.0
-13.0
-14.0
-15.0
-16.0
-17.0
-18.0
-19.0
AMPL (dB)
20
100
1k
10k
20k
FREQ (Hz)
172
174
176
178
170

FIG. 6C

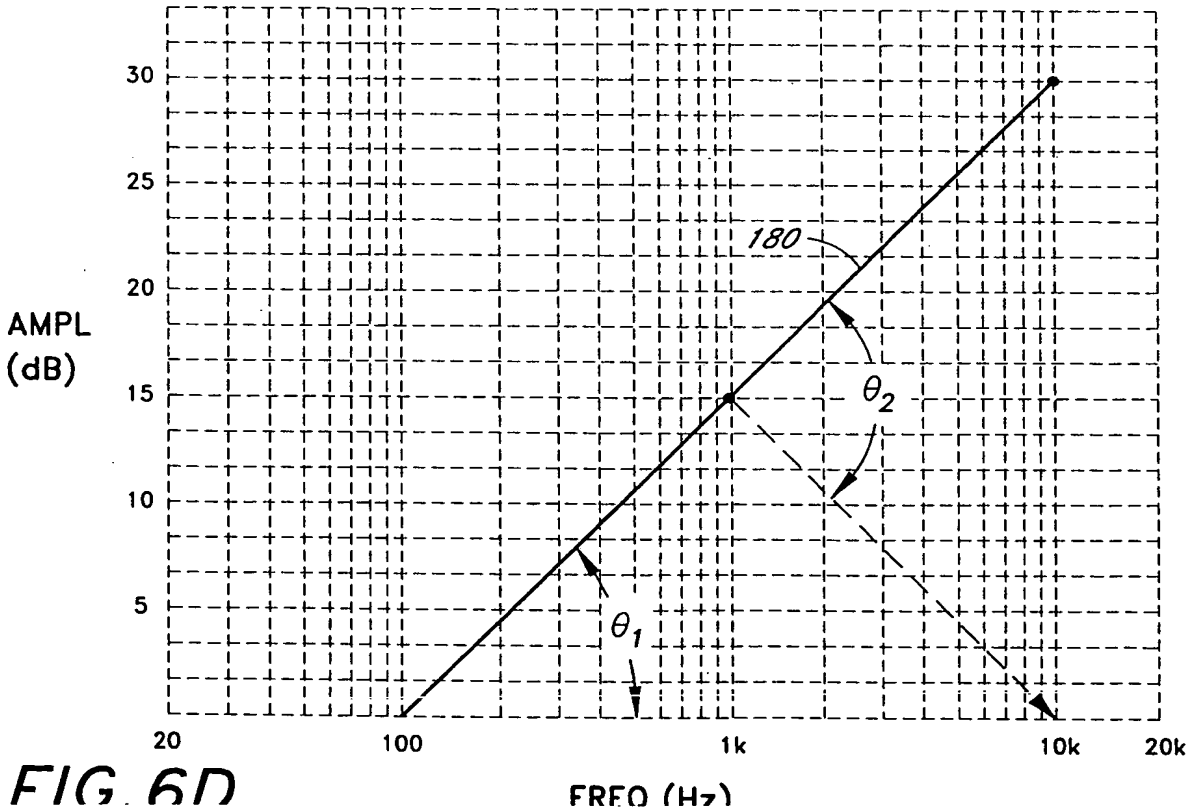
30
25
20
15
10
5
AMPL (dB)
20
100
1k
10k
20k
FREQ (Hz)
180
θ_2
θ_1

FIG. 6D

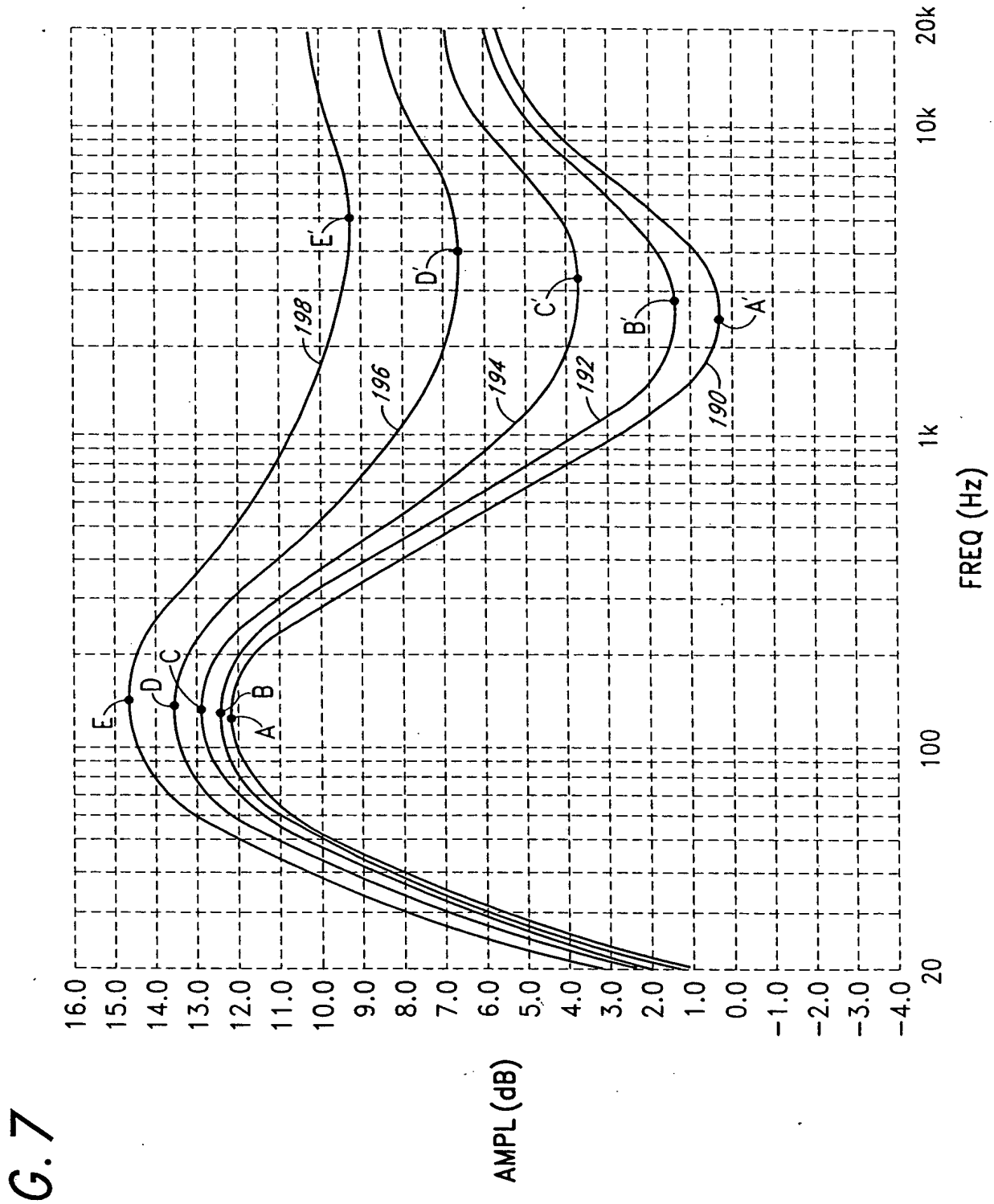
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
AMPL (dB)
20
100
1k
10k
20k
FREQ (Hz)
A
B
C
D
E
A'
B'
C'
D'
E'
190
192
194
196
198

FIG. 7

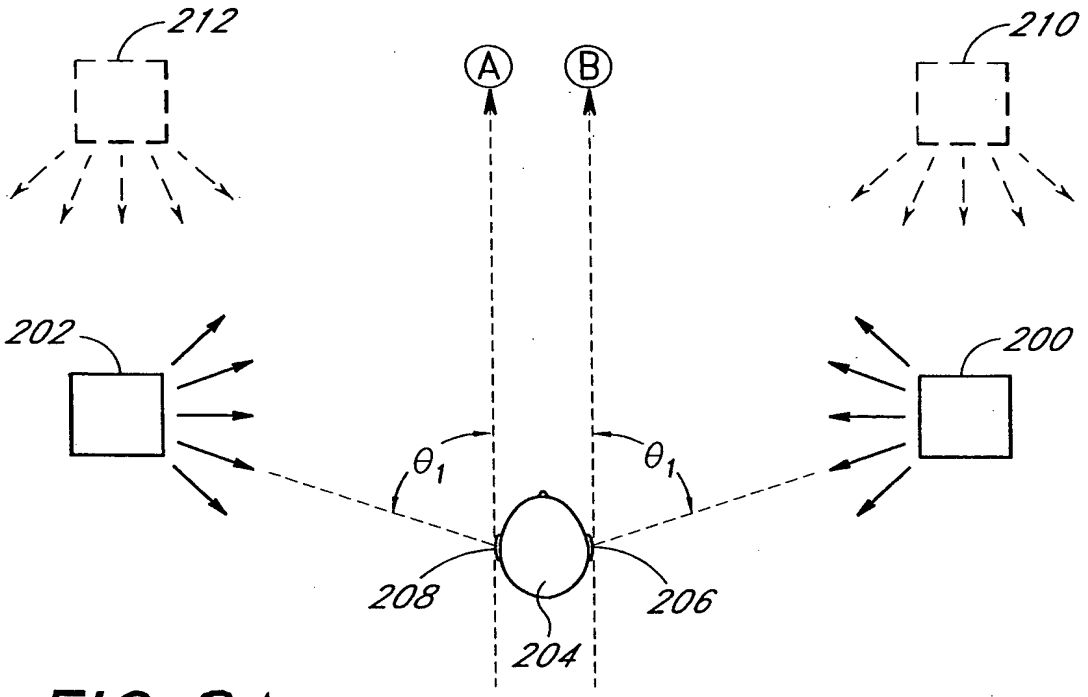
212
210
A
B
202
200
θ_1
θ_1
208
206
204

FIG. 8A

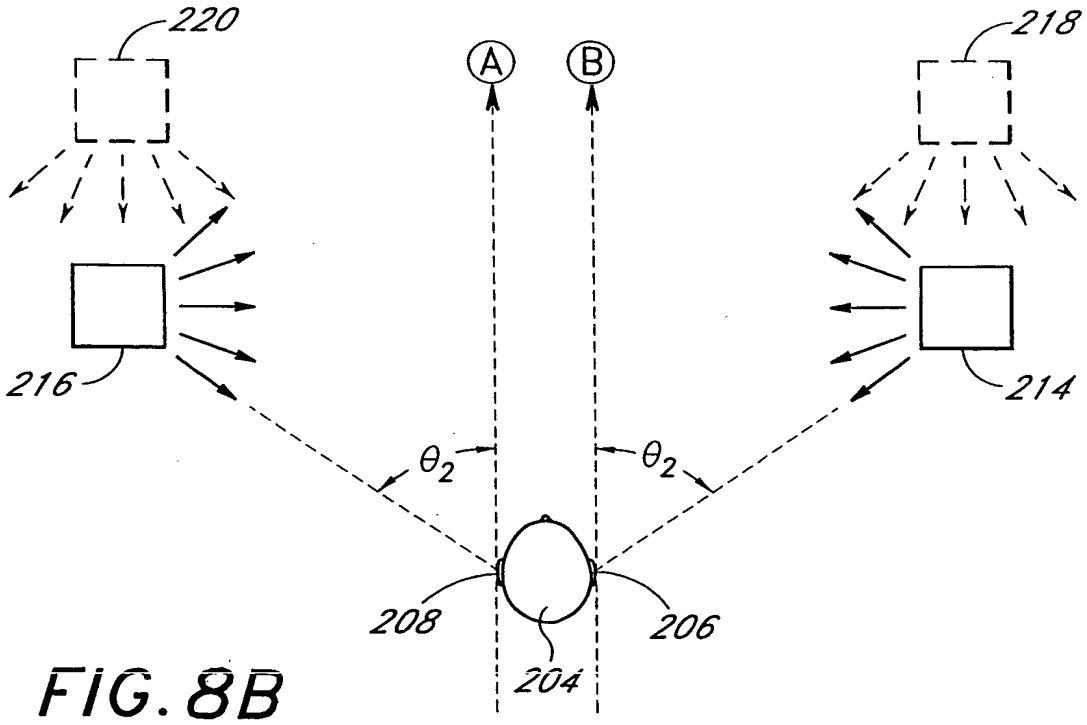
220
218
A
B
216
214
θ_2
θ_2
208
206
204

FIG. 8B

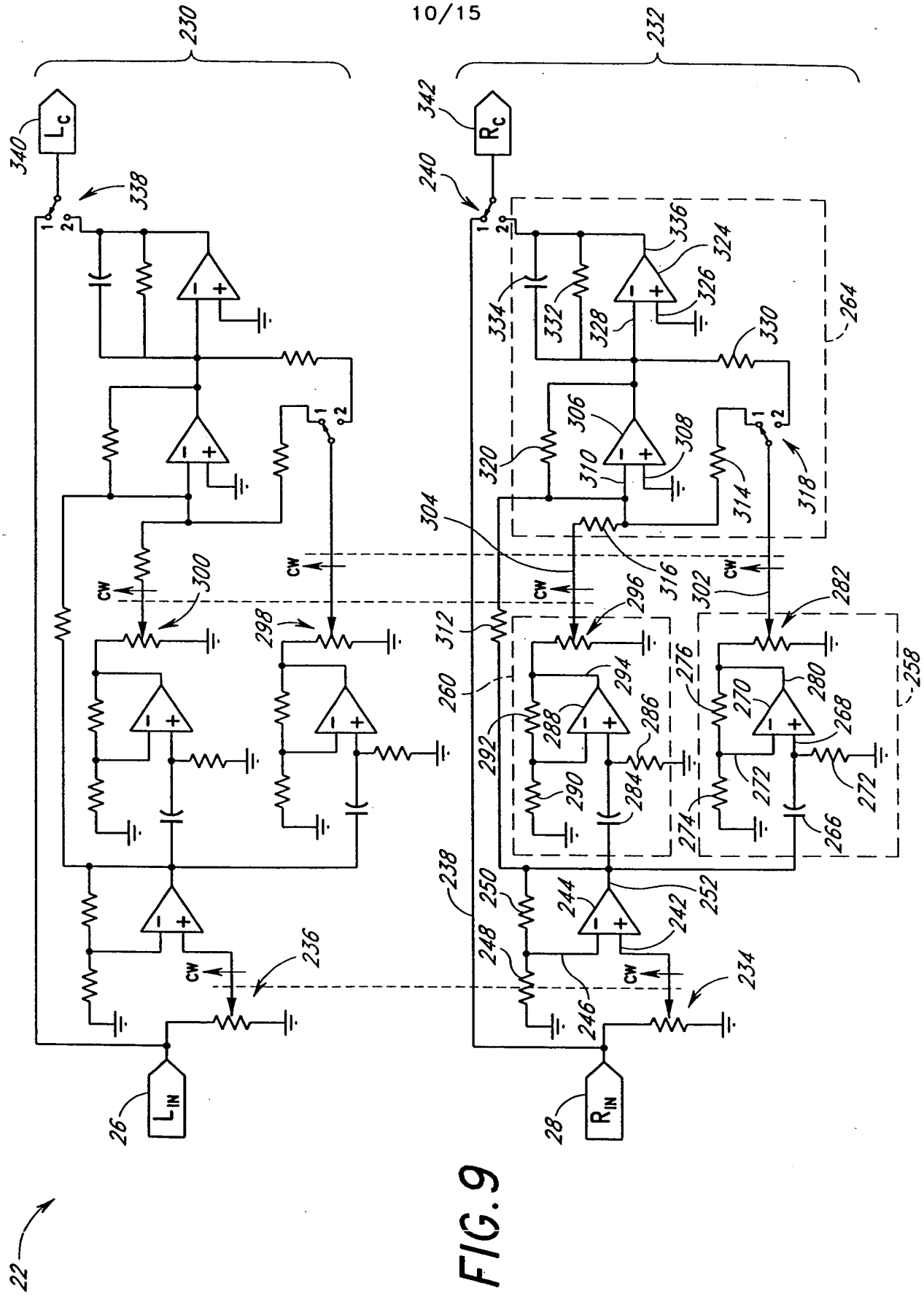
230
232
340
342
338
240
L_C
R_C
1
2
CW
300
298
296
316
304
302
282
312
260
276
294
288
292
286
270
280
268
258
290
284
274
272
266
238
250
244
242
252
248
246
236
234
26
28
L_{IN}
R_{IN}
264
318
320
310
306
308
314
324
326
336
334
332
328
330
22

FIG. 9

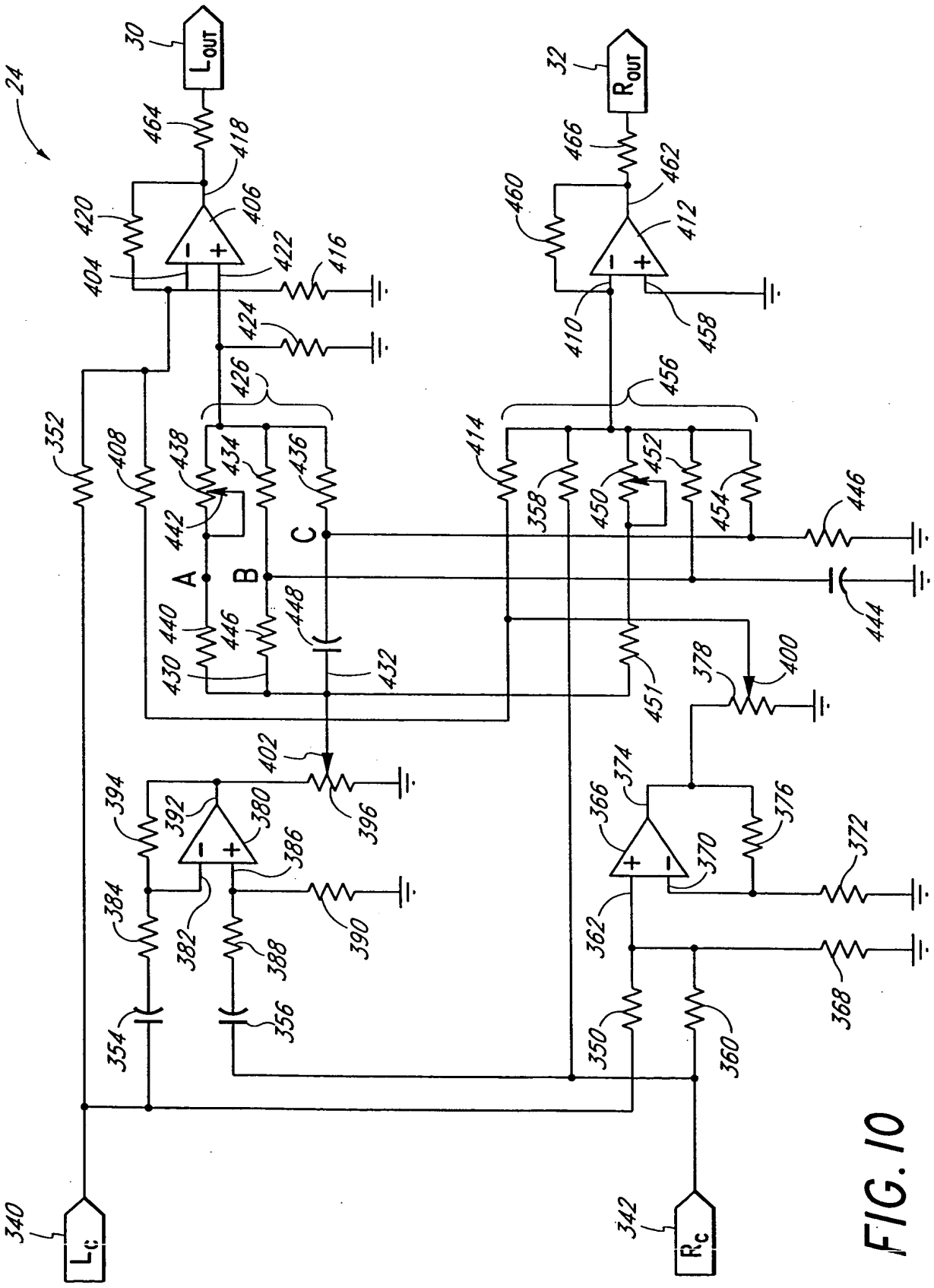

FIG. 10

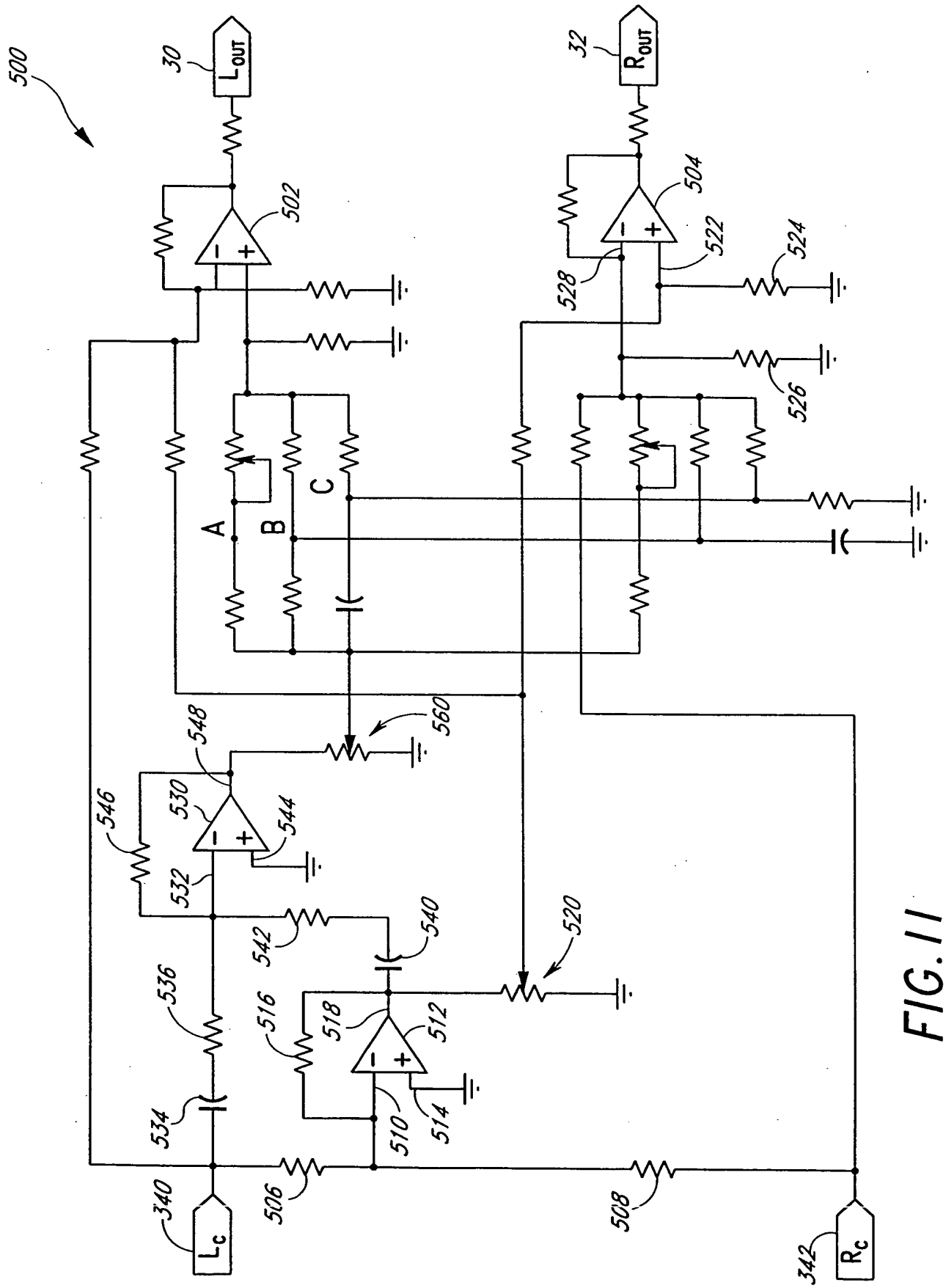
500
30
L_{OUT}
32
R_{OUT}
502
504
522
524
528
526
A
B
C
560
548
530
544
546
532
542
540
520
536
516
518
512
534
510
514
506
508
340
L_C
342
R_C

FIG. 11

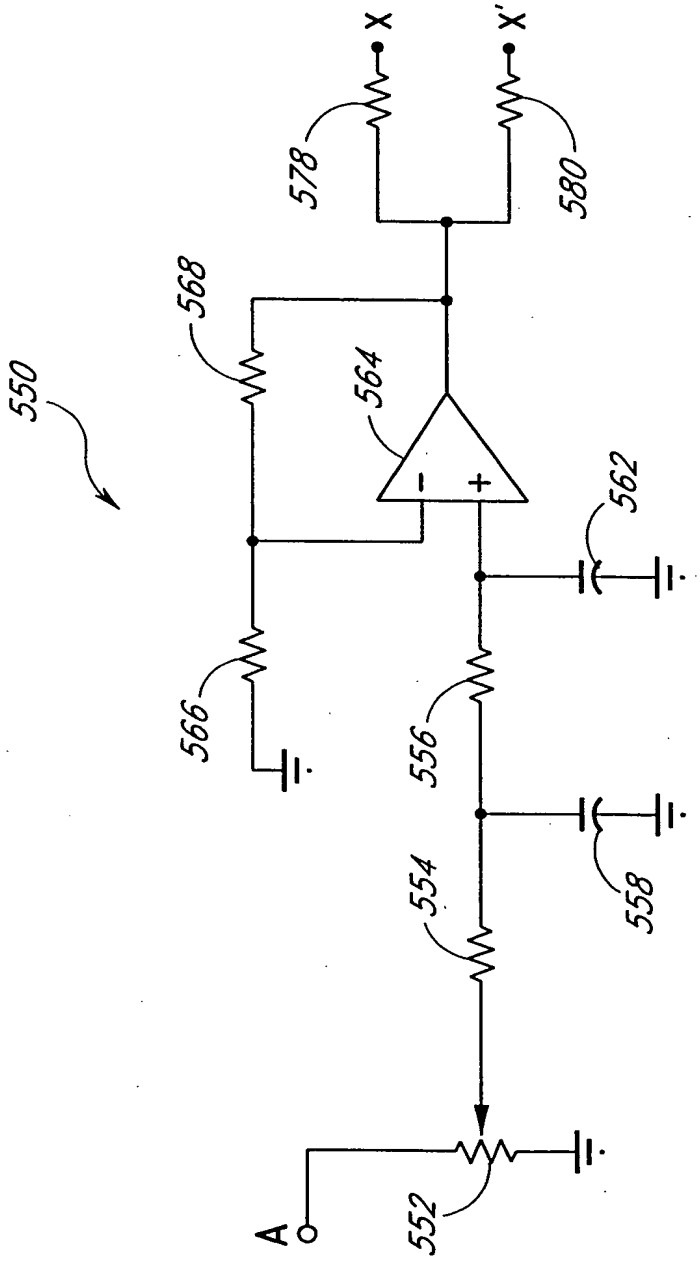

FIG. 12

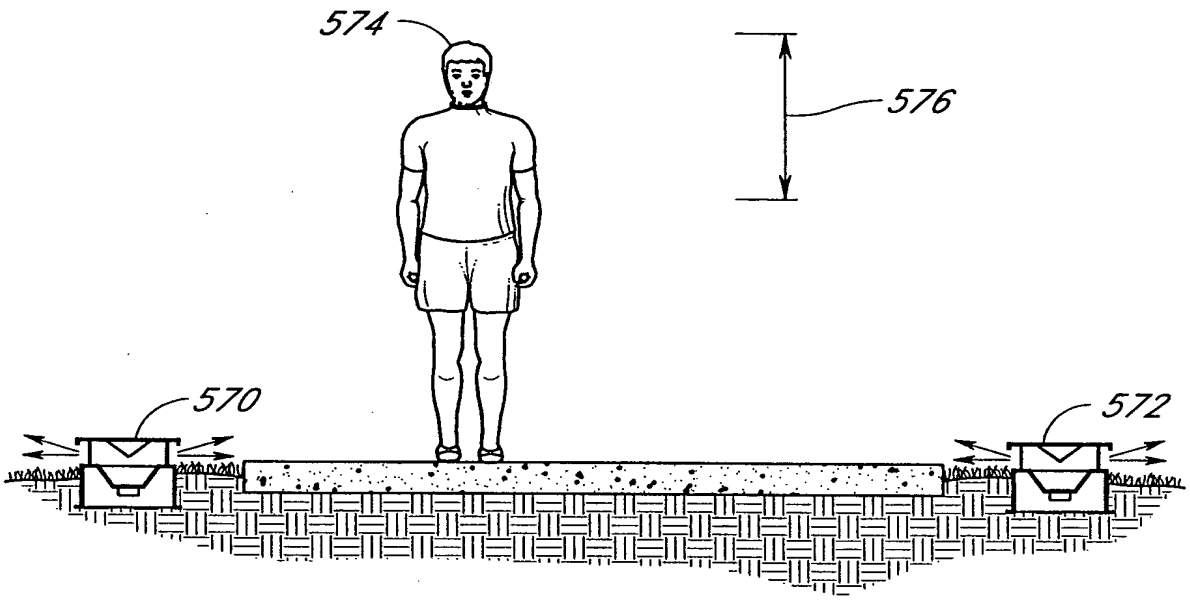

FIG. 13

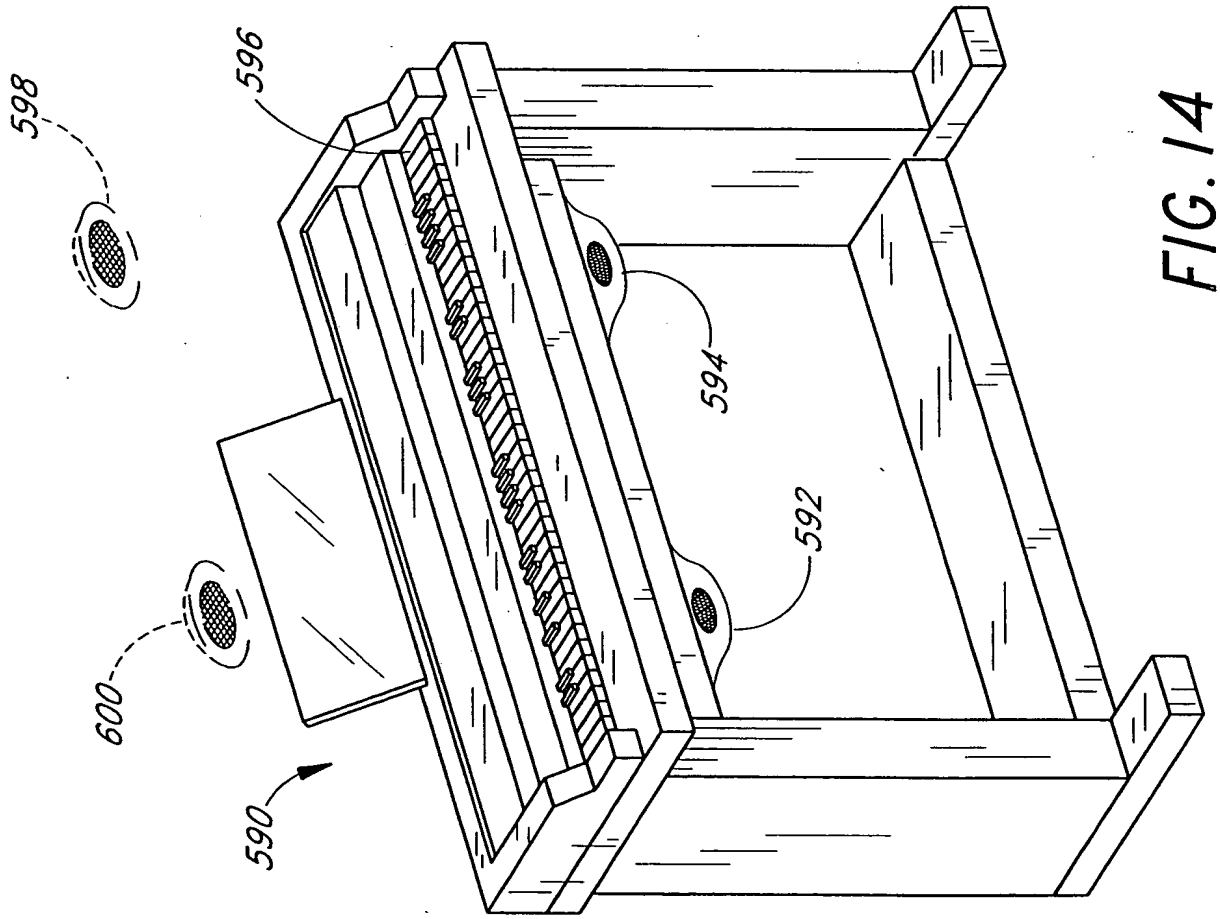

FIG. 14